

2018 Current Fiscal Year Report: Sensors and Instrumentation Technical Advisory Committee

Report Run Date: 06/05/2019 04:26:32 AM

1. Department or Agency

Department of Commerce

2. Fiscal Year

2018

3. Committee or Subcommittee

Sensors and Instrumentation Technical Advisory Committee

3b. GSA Committee No.

370

4. Is this New During Fiscal Year?

No

5. Current Charter

08/30/2017

6. Expected Renewal Date

08/30/2019

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Statutory (Congress Created)

12. Specific Establishment Authority

50 U.S.C. app. 4601-4623

13. Effective Date

07/12/1985

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Scientific Technical Program Advisory Board

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open 0 17b. Closed 0 17c. Partially Closed 3 Other Activities 0 17d. Total 3 Meetings and Dates

Purpose	Start	End
Discussion on Licensing Statistics and industry presentation on IPG Photonics and Coherent, and Summary of CJ Statistics.	10/25/2017	10/25/2017
To discuss a summary of Licensing Statistics and SITAC membership and an Update of the notice of inquiry and comments.	04/19/2018	04/19/2018
Discussion on CCL Cat. 6 Licensing Statistics, USML Cat 12, Foreign Investment Risk Review Modernization Act, Standard Licensing Condition redraft, thermal Imagers WA Proposal, Line Scan Camera, Optical Components Industry WA Proposal, Sensor Fusion, and Outdated CCL Regulation.	07/24/2018	07/24/2018

Number of Committee Meetings Listed: 3

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$36,923.00	\$36,923.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00

18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$4,597.00	\$4,597.00
18d. Total	\$41,520.00	\$41,520.00
19. Federal Staff Support Years (FTE)	0.30	0.30

20a. How does the Committee accomplish its purpose?

The Sensors and Instrumentation Technical Advisory Committee (SITAC) focused on the following and issues in FY2018: Uncooled camera decontrol. Wassenaar (WA) Proposals. Standard licensing conditions. Image intensifier tubes. ROIC Wassenaar Proposal. Quantum Dot technology status. Sensor Fusion definitions. Outdated Regulations Project. Zinc Proposal. OPO Laser WA Proposal. Single Mode Laser WA Proposal. Foreign Investment Risk Review Modernization Act (FIRRMA) Update. Additionally, three SITAC working groups, which were established in 2017. The working groups provide a small forum for industry experts to have detailed technical discussions related to many of the issues on the general agenda for SITAC. The working groups are: Detectors and Cameras, Lasers and Lenses and Optics. The SITAC plans for FY2019 is to: Expand industry recruiting and outreach activities, particularly in emerging technology areas covered by SITAC and technology areas not well represented presently among Technical Advisory Committee (TAC) membership. Work closely with BIS' TAC administration on the following items: Outdated Commerce Control List proposals submitted to the TACs - Goal: 2020 WA Submission. Work closely with industry on 2019 WA Submissions on Uncooled Cameras, Line Scan Camera and further changes to Single and multi-mode Laser Controls (if needed). Implementation of FIRRMA Export Control Provisions regarding "emerging" and "foundational" technologies. Review and modification of the End-User/End-Use requirements for dual-use cameras and coordinate any required responses to applicable Notices of Inquiry.

20b. How does the Committee balance its membership?

The SITAC is composed of industry representatives, and U.S. Government agencies with specific technical or export control expertise. Members of the SITAC possess a wide range of technical knowledge regarding the design, manufacture, and export of commodities and technology currently listed in Control List Categories 3 and 6.

20c. How frequent and relevant are the Committee Meetings?

The SITAC met three times during FY 2018. The meetings allowed the SITAC to advise the Department on the technical parameters for commodities and technology within

Commerce Control List Categories 3 and 6.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The SITAC makes recommendations regarding commodities and technical data within Control List Category 3 (electronics - instrumentation section) and Category 6 (sensors). Through this Committee, the Department brings together technically qualified persons with expertise on a wide range of electronic instrumentation and sensor equipment. The Committee provides a forum for technical advice that would otherwise be unavailable.

20e. Why is it necessary to close and/or partially closed committee meetings?

Closed sessions are held to allow for discussion of information classified for reasons of national security, information the premature disclosure of which would be likely to significantly frustrate implementation of a proposed agency action, or information of a commercial or financial nature that is privileged or confidential.

21. Remarks

Authorization by the Export Administration Act of 1979 (50 U.S.C. app. 2401-2420) as amended by the Export Administration Amendments Act of 1985, P.L. 99-64, 99 Stat. 120 (July 12, 1985). Although the Export Administration Act of 1979 (EAA), as amended, has expired, its provisions and those of the Export Administration Regulations were continued in effect, and to the extent permitted by law, when the President by Executive Order invoked the International Emergency Economic Powers Act.

Designated Federal Officer

Christopher Costanzo DFO

Committee Members	Start	End	Occupation	Member Designation
DeBaeke, Kristine	07/25/2018	07/25/2022	Generl Motors	Representative Member
Douris, Jennfer	04/03/2015	04/03/2019	Society of Photographic Instrumentation Engineers	Representative Member
Dozor, David	07/25/2013	05/21/2021	Dozor Enterprises, Inc.	Representative Member
Gasparian, George	10/01/2009	02/11/2018	Teledyne Judson Technologies	Representative Member
Huang, Robin	09/02/2015	09/02/2019	TeraDiode, Inc.	Representative Member
Hughes, R. Douglas	04/03/2015	04/03/2019	eMagin Corporation	Representative Member
Intiso, Michelle	03/07/2016	03/07/2020	Sofradir EC, Inc.	Representative Member
Johnson, Scott	07/25/2018	07/25/2022	Pressco Technology, Inc.	Representative Member
Kapusta, Jr., Ronald	07/25/2018	07/25/2022	Analog Devices, Inc.	Representative Member
McManamon, Paul	01/04/2016	01/04/2020	Exciting Technology, LLC	Representative Member
Quarles, Gregory	06/01/2016	06/01/2020	The Optical Society	Representative Member
Swanson, Rand	01/04/2016	01/04/2020	Resonon, Inc.	Representative Member
Tack, Leslie	09/02/2015	09/02/2019	Pembroke Instruments LLC	Representative Member
Tribble, Steven	10/27/2016	10/27/2020	Consultant	Representative Member
Vallese, Frank	10/01/2009	02/11/2018	Sofradir EC, Inc.	Representative Member
Wade, James	07/25/2018	07/25/2022	Sunpower, Inc.	Representative Member
Wetzel, Michael	04/03/2015	04/03/2019	UTC Aerospace Systems	Representative Member
Wick, Raymond	09/02/2015	09/02/2019	Consultant	Representative Member
Williams, George	04/03/2015	04/03/2019	Voxtel, Inc.	Representative Member

Number of Committee Members Listed: 20**Narrative Description**

Industry input regarding export controls on sensors and instrumentation is crucial in developing policy that will maintain competitiveness in the global marketplace while addressing vital national security concerns. The industry forum provided by the Sensors and Instrumentation Technical Advisory Committee is a resource that effectively addresses both the technical and the economic factors that should be considered in developing export control policy.

What are the most significant program outcomes associated with this committee?

Checked if Applies

- | | |
|---|-------------------------------------|
| Improvements to health or safety | <input type="checkbox"/> |
| Trust in government | <input type="checkbox"/> |
| Major policy changes | <input type="checkbox"/> |
| Advance in scientific research | <input type="checkbox"/> |
| Effective grant making | <input type="checkbox"/> |
| Improved service delivery | <input type="checkbox"/> |
| Increased customer satisfaction | <input type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input checked="" type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

- | | |
|----------------------------|-------------------------------------|
| None | <input type="checkbox"/> |
| Unable to Determine | <input checked="" type="checkbox"/> |
| Under \$100,000 | <input type="checkbox"/> |
| \$100,000 - \$500,000 | <input type="checkbox"/> |
| \$500,001 - \$1,000,000 | <input type="checkbox"/> |
| \$1,000,001 - \$5,000,000 | <input type="checkbox"/> |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/> |
| Over \$10,000,000 | <input type="checkbox"/> |
| Cost Savings Other | <input type="checkbox"/> |

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

4

Number of Recommendations Comments

The Committee meets four times per year. Although the Committee met three times, there were three recommendations in FY18.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

25%

% of Recommendations Fully Implemented Comments

NA

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

25%

% of Recommendations Partially Implemented Comments

NA

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The agency includes the Sensors and Instrumentation Technical Advisory Committee in the process of incorporating the determinations of the various multilateral regimes into the Export Administration Regulations.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities

☐

Reallocated resources

☐

Issued new regulation

☒

Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

NA

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

N/A